

(54) Title

COMPOSITION SUITABLE FOR USE AS, OR IN, AN ACIDIC RINSE AID

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(56) Prior Art Documents

AU 590707 72424/87 C11D

(57) Claim

1. A stable composition suitable for use as, or in, an acidic rinse aid, which comprises:-

(i) low foam nonionic surfactant;

(ii) polymer having a weight average molecular weight of 1,000 to 250,000 and being a homopolymer of acrylic acid, methacrylic acid, maleic acid, 2-acrylamido-2-methylpropane sulfonic acid or acrylamide, or being a copolymer comprising units derived from two or more of acrylic acid, methacrylic acid, ethacrylic acid, maleic acid, itaconic acid, hydroxyacrylic acid, C₁ to C₄ alkyl (meth) acrylates or amides, 2-acrylamido - 2 - methylpropane sulfonic acid, styrene, acrylamide, isobutadiene, dimethylaminoethyl methacrylate, and t-butylacrylamide;

(iii) further nonionic surfactant having a cloud point of 70°C or above ~~for example 80°C or above~~; and

(iv) water.

27. A method of stabilizing an aqueous composition comprising a mixture of low foam nonionic surfactant and polymer having a weight average molecular weight of 1,000 to 250,000 and being a homopolymer of acrylic acid, methacrylic acid, maleic acid, 2-acrylamido-2-methylpropane sulfonic acid or acrylamide, or being a copolymer comprising units derived from two or more of acrylic acid, methacrylic acid, ethacrylic acid, maleic acid, itaconic acid, hydroxyacrylic acid, C₁ to C₄ alkyl (meth)acrylates or amides, 2-acrylamido-2-methylpropane sulfonic acid, styrene, acrylamide, isobutadiene, dimethylaminoethyl methacrylate, and t-butylacrylamide, the method comprising incorporating in said composition further nonionic surfactant having a cloud point of 70°C or above.